JAN 17 2006

PTO/SB/08a (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE of Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form	n 1449A/PTO			Complete if Known		
INICODA	ATION F			Application Number	10/820,994	
		DISCLOS		Filing Date	April 8, 2004	
STATE	MENT BY	APPLICA	ANT	First Named Inventor	Tatsuo KATAOKA	
(Use	as many sheets a	s necessarv)		Art Unit	1753	
•				Examiner Name	Arun S. Phasge	
Sheet	1	of	1	Attorney Docket Number	1217-043819	

				U.S. PATENT DO	CUMENTS	
Examiner Initials*	Cite No.1	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant
		Numbe	er - Kind Code ^{2 (if known)}	· · · · · · · · · · · · · · · · · · ·		Passages or Relevant Figures Appear
138		US-	2002/0056702 A1	05-16-2002	Bishop et al.	
, , , ,		US-				
		US-				
		US-		-		
		US-				
,		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-			1	
		US-				

		FOREIG	N PATENT I	OCUMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (If known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵
						ļ
						╁┈
						<u> </u>
						1

						/
Examiner		IX .	Date			
Signature		Khasel	Considered	1 91	241	α
ACVANABIED I	Charles Committee and Committe					<u> </u>

*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not not considered. Include copy of this form with next communication of applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/08a (07-05)
Approved for use through 07/31/2006. OMB 0651-0031
S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

under the Paperwork Reduction 12 mc 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known		
				Application Number	10/820,994	
INFORMATION DISCLOSURE			•	Filing Date	April 8, 2004	
STATEM	STATEMENT BY APPLICANT			First Named Inventor	Tatsuo KATAOKA	
(Use as many sheets as necessary)				Art Unit	1753	
10324	(Use as many sneeds as necessary)			Examiner Name	Arun S. Phasge	
Sheet	1	of	1	Attorney Docket Number	1217-043819	

7		U.S. PATENT DO	CUMENTS		
Examiner Initials*	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant	
	 Number - Kind Code ^{2 (if known)}			Passages or Relevant Figures Appear	
	US-			/	
	US-				
	US-				
	US-				
	US-			•	
	US-				

			FOREIG	N PATENT I	OCUMENTS		
Examiner Initials*	Cite No. ¹	Foreign Patent Documer Country Code ³ Number ⁴ Kind Code ⁴		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁴
Prof		JP(2000) 2002-282265	Α	10-10-2000	MEC KK	English Abstract attached	
860		JP(1998) 10-158869	Α	06-16-1998	Nippon Hyomen Kagaku	English Abstract attached	
Stel		JP(2001) 2001-059191	Α	03-06-2001	Furontekku KK	English Abstract attached	
				/			
			$\overline{}$				
			/				
•							

				1		
Examiner		Date	0	, ,	A-1	
Signature	1 APWash	Considered		261	ן ט	
*EXAMINER: I	nitial if reference considered, whether or not citation is in confor	mance with MPEP 609. Draw line through	citation if not if	conformat	ice and	ne

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

See Kinds Codes of USPTO Patent Documents at www.usplo.gov or MPEP 901.04.

Sent of for Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

Applicant is to place a check mark here if English language Translation is attached.

is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Please type a plus sign (+) inside this box > +

Approved for use through 10/31/2001. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
der the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete	if Known
INFORI	VIATION D	DISCLOS	URE	Application Number	10/820,994
STATE	STATEMENT BY APPLICANT			Filing Date	April 8, 2004
O A L		A 1 L 0		First Named Inventor	Tatsuo KATAOKA
(use	as many sheets as nec	essary)		Group Art Unit	1753
				Examiner Name	Arun S. Phasge
Sheet	1	of	1	Attorney Docket Number	1217-043819

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
Har		PATENT ABSTRACTS OF JAPAN, Publication No. 07-252665, published October 3, 1995, Applicant: Mitsul Mining & Smelting Co., Ltd., Japan	
Examiner Signature		Ophasel Date Considered 9/26/0	7

*EXAMINER: Initial if reference considered, whether or no citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.